



python



PowerShell

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### ***PowerShell Get-Help on command 'Dismount-DiskImage'***

***PS C:\Users\wahid> Get-Help Dismount-DiskImage***

#### NAME

Dismount-DiskImage

#### SYNOPSIS

Dismounts a disk image (virtual hard disk or ISO) so that it can no longer be accessed as a disk.

#### SYNTAX

```
Dismount-DiskImage [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-DevicePath <String[]> [-StorageType {Unknown | ISO | VHD | VHDX | VHDSet}]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

```
Dismount-DiskImage [-ImagePath] <String[]> [-AsJob] [-CimSession
<CimSession[]>] [-Confirm] [-StorageType {Unknown | ISO | VHD | VHDX |
VHDSet}] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

```
Dismount-DiskImage [-AsJob] [-CimSession <CimSession[]>] [-Confirm]
-InputObject <CimInstance[]> [-ThrottleLimit <Int32>] [-WhatIf]
[<CommonParameters>]
```

## DESCRIPTION

The Dismount-DiskImage cmdlet dismounts a disk image (virtual hard disk or ISO) so that it can no longer be accessed as a disk. This cmdlet requires either the full image path of the ISO or VHD file, or the device path.

To eject a VHD file, administrator privilege is required. Administrator privilege is not needed to eject an ISO file on Windows 8. On Windows Server 2012, only an administrator is allowed to mount or eject ISO file.

## PARAMETERS

**-AsJob** [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

**-CimSession** <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession` (<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or `[Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)` cmdlet. The default is the current session on the local computer.

**-Confirm** [<SwitchParameter>]

Prompts you for confirmation before running the cmdlet.

**-DevicePath** <String[]>

Specifies the device path of the ISO/VHD file. You cannot use this parameter with the `ImagePath` parameter.

**-ImagePath** <String[]>

Specifies the path of the ISO or VHD file. You cannot use this parameter with the `DevicePath` parameter.

-InputObject <CimInstance[]>

Specifies the input object that is used in a pipeline command.

-StorageType <StorageType>

Specifies the storage type of a file: ISO, VHD, VHDx, or Unknown. If the StorageType parameter is not specified or the Unknown type is provided, the storage type is determined by file extension.

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit applies only to the current cmdlet, not to the session or to the computer.

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about\_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

----- Example 1: Dismount a disk image by path -----

```
PS C:\>Dismount-DiskImage -ImagePath "E:\ISO-Files\My US Visit Fall 2010 Pictures.iso"
```

This example ejects an ISO named My US Visit Fall 2010 Pictures by specifying the image path at E:\ISO-Files.

----- Example 2: Dismount a disk image by device path -----

```
PS C:\>Dismount-DiskImage -DevicePath \\.\CDROM1
```

This example ejects an ISO by specifying device path for cdrom1. Refer to the Get-DiskImage cmdlet to learn how to find the device path of an ISO or VHD file.

#### REMARKS

To see the examples, type: "get-help Dismount-DiskImage -examples".

For more information, type: "get-help Dismount-DiskImage -detailed".

For technical information, type: "get-help Dismount-DiskImage -full".

For online help, type: "get-help Dismount-DiskImage -online"